

Now unde:
$$2\pi h = d$$

So $0 \ln^2 = 7(1-w/e) + d$
 $2 \ln^2 e^2 hap 0 to $2 \ln^2 e$
 $2 \ln^2 e \ln^2 hap 0 to $2 \ln^2 e$
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 $2 \ln^2 e \ln^2 e$
 $2$$$$$$$$$$$$

c. tithe = Ttd ad tal= Vi-nyer, T+d 1+n/c wond-0 t(1) = VET . T = Timer T(1-ule) slope of t(d) lue is Very = Virule So time lapre on (1) no (up to T(I-ule): Time T(I-ule)

pen (T(I-ule) to T(Hule): 2TMe Very

pan (T(I+vle) to 2T: Frider T(I-vle) Sum = 2T Ver (1+We) = 2T Vezv= 2T VI-miler.

tand for up to T is Truyer Theriver of the stand of fully of the stand A) +(T)= VI-12/12. T.

Note that $\frac{1}{1}e(t_2-t_1) = \underbrace{\pi_1}_{1+me}$ So $d(d) = \sqrt{1-n}e^{-n}$

There is the formation of the state of the s

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amporte doch -> E- parametes or m-value t(i) t (2) (1) clarge this from proper tens to 2's cont. land. then slope -> Triver + out slepte I-Wer. = \(\int_1-2^2/e^2\). S slopelle Hi) v Hi) como in ver cont. leas $= \frac{\partial B}{\partial A} = \frac{\partial A}{\partial A} + \frac{\partial B}{\partial A} = 1 + \frac{\partial B}{\partial A}$ slope m of less of germeteret = AB = BB-OA OBXN = ~ (1- (1-12/22)) $som = \frac{1}{v}\left(1-\frac{1}{5}\right)$

deny compatible check portion of H5) + (i) coeffeet

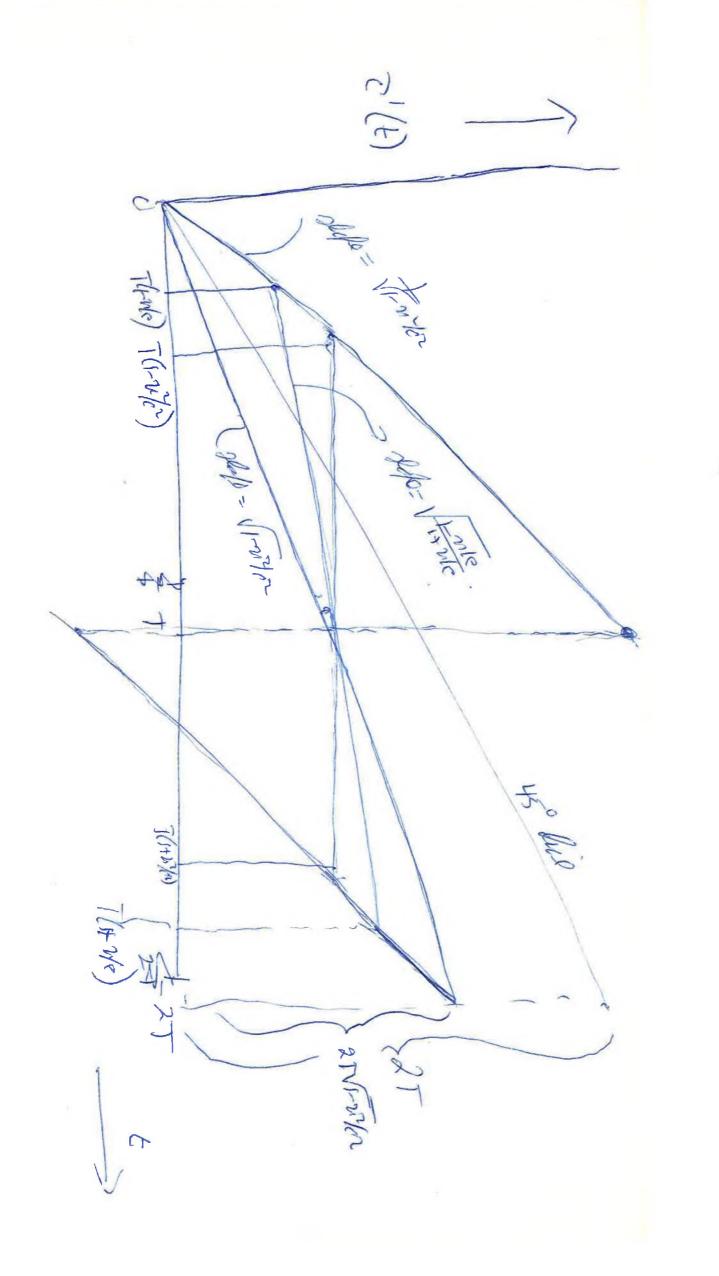
$$S = \frac{Be}{Je} = \frac{3}{J_0 \cdot 100}$$

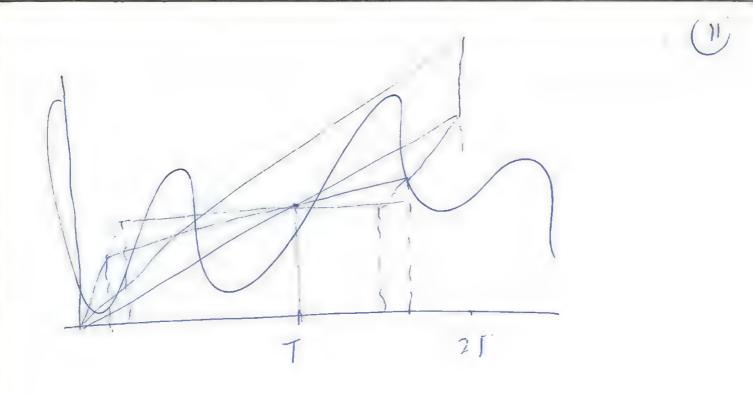
$$= \frac{FD + Pe}{J_0 \cdot 100} = \frac{1}{J_0 \cdot 100} + \frac{1}{$$

now, the Constitut believe m and & is look $\frac{d'(P)}{r'(P)}$ of (2) an seen function $\frac{d'(P)}{r'(P)}$ of (3) an seen function $\frac{d'(P)}{r'(P)}$ sometimes $\frac{d'(P)}{r'(P)} > T(1-2de)$ $\frac{d'(P)}{r'(P)} > T(1-2de)$

(8)

Improved potation t'(P) so teme on woll live of () (partice)
what is judged summer terrences with
erent P or word his d. 2, vary 2's less in c'(P) is proper time up to t'(P) as mounted my E(P) = 2(P) = two (speptano) massered up to swent (2) Por on lone bearant plats ['(P) nomes T(8) as 8 mines along world has of (2) d'(P) is distra of (a) par () as seen from at its proper time T'(P) 5= Ap of t'(B)-t(B) ellen 5' = slept of 2'(8)- 7(1) eauns. m = slept of PA in (3)'s referebel preme.





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arbitrary signetismination cost.

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We want now to determine affor and lower leints ? in (P) and ? e (P) I proper time for O that is fine prefer qualitaries with P on world fre of O on cutouin of tefolizied semultanty at pout A, 20 0 A= t, Eq. & A, B, is $t - t_1 = -\frac{1}{c} \times$, whereast obviously $t = \frac{1}{c}$ at the x-robe & x/n-t,=-1/ex. ax (tite) = t, w tike is $\frac{1}{t^{2}}\left(\frac{t_{1}}{t+1/c}\right) \quad \text{and} \quad \tilde{C}_{R}\left(t_{1}\right) = \sqrt{-\nu^{2}t^{2}} \cdot \frac{c}{c+V}$ Eq. d. A, Br is $t-t_1=\frac{1}{e} \times$ where is a small set of the end w to (time) and Pulti)= Vrayor. C. to Hose formuld off water. Seep = VIIB Pulti) = VI-12/2. T 19. cti = t (1-11/e) ti= T(1+21/e) ad for Telfi) water

M t,7 T (1-ule) (t) is computed as follows write tz = t, + R. En & An Br is t-tr= 1/e x (Siterali AB end Eg. t-2T = - 1 2l of x-rolal tr+=-2T=-10x. $\Lambda \times (t + t_0) = 2T - t_2 = 2T - t_1 - A$ = 21-T(+We)-L = T (I+nle)-B So t-volce for Bris ta + { Tr(1+nle)-R etV = T (1-nle) + R + E [T(HNle)-R] I+nle = T = Tate + R+ V. I take - RZ. I take. = T + B (1-2. 1+Me) + T Si + Me - 7/5 = 13 1-B B= B(1-3-1)= 3(-3/5) 14/3-13-14/3 and = T+R(1-B) B= vlc 20 20 h=0, E(B2)=T ad wha A= 2Ī-T(1-3)= T(1+B) er al reginil

Sv, in interval of t, pan 1/1-13) to 27 7. (t,) = VIB2. T' + VIB2. HB slope of this his is $\sqrt{1-\beta^2} = \sqrt{1-\beta^3}$ While Jermolee & Telf.) Allies up to tr= T(1+3) douge at A follow agner leute tr=t,+h alore seen t;= T(1+B) Eg. of Arbris t-tr=-tex.

Theres AB t-rT=-tex.

ent Eg. at t-volue of Br (days cs-e on A. 13) T+R8 fullen \$ =0, + (B2) = 1 ad con R= 2T-T(1+B)= T(1-B), +(B)=2) So, en entered of the pen T (1+B) to 21 Telfil= VIB. T + VIR FB VHB = 178-

glott of Tu (P) V. T(P) ad Coll) v- C(P) loder lete tes: T(1-B) ourse of = = = 1/175 + 175 The is also aways of me solver This) to 25 away the Material This) to Tais

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a extendencer muniso Simultanet m consular copular fold don't this live Exact save deapar of latitle in semultanet assignments as in the The parallele raw is now to be wrothed round the excender.

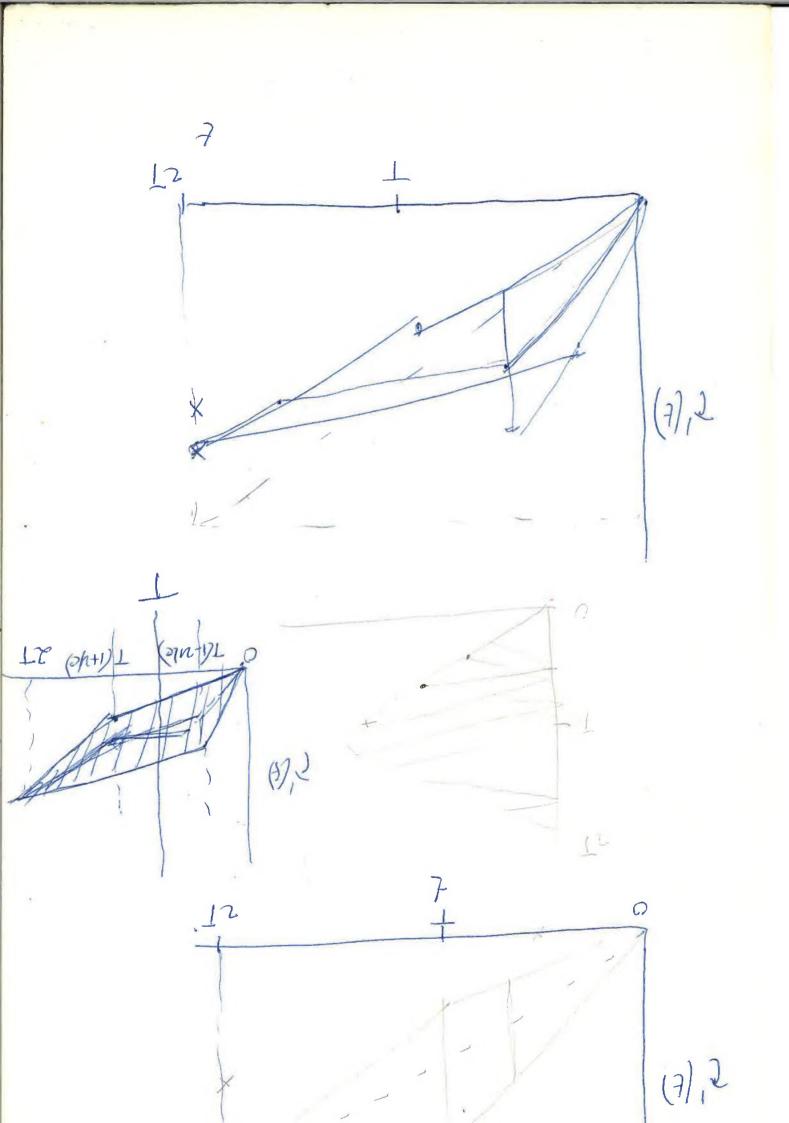
21(P) Denpara How, as we follow pet mooning (1), who lotedus of 7(2) than could be allewed for smolpenet of el quen priat on (2 () & brighting with true as merard by stolutes (2).

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Doer a come refore 5 day 13 asis Value of 2 for 5 is T(1-10/e) VI+1/e = TVI-11/ez volved is for Q is T(1+Me) VI-Me = J VI-Wer-So Fig 8. Schoold look life clies 7d" of loyt 2T Mc. In Fre 9 cont. 6 F is T(1-12/0) = (VI+10k + VI-10ke) T(1-12/e2) { (1+11/e) + (1-11/e)

VI-12/02